

Converting Colors

Hex(640A11)

Have a look what the booklet for
Hex(640A11) contains.

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Color

Hex(640A11)

Conversions

Conversions Part 1

Format	Color
Hex	640A11
RGB	100, 10, 17
RGB Percent	39%, 4%, 7%
CMY	0.6078, 0.9608, 0.9333
CMYK	0.00, 0.90, 0.83, 0.61
HSL	355°, 82%, 22%
HSV	355°, 90%, 39%
XYZ	5.4652, 2.9669, 0.8149
YIQ	37.7080, 51.3930, 21.2570

Conversions

Conversions Part 2

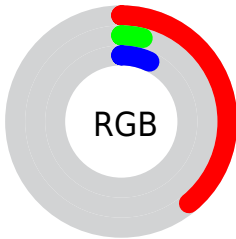
Format	Color
R_{YB}	100, 10, 17
Decimal	6556177
CIE _{Lab}	19.91, 38.20, 22.67
CIE _{LCh}	20, 44.421, 30.691
Yxy	2.9669, 0.5910, 0.3208
Android (android.graphics.Color)	4284746257 (0xFF640A11)
YUV	37.7080, -10.2090, 54.6301
Hunter-Lab	17.2246, 26.4936, 9.2521

Details

The Hex color **640A11** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **0A645D**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **9D403B**, and **300002** is the 20% darker color. If you saturate the color by 10%, you get **640008**, and if you desaturate by 10%, it is **64141A**.

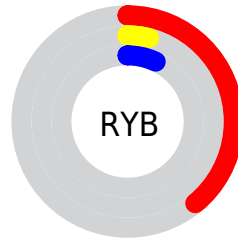
Distribution



Red (39%)

Green (4%)

Blue (7%)



Red (39%)

Yellow (4%)

Blue (7%)

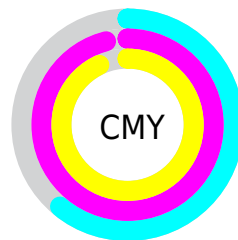


Cyan (0%)

Magenta (90%)

Yellow (83%)

Black (61%)



Cyan (61%)

Magenta (96%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 640A11 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 640A11 by changing the saturation by 10% instead.

 640A11

 640A11

 FFFFFF1

 490000

 9D403B

 300002

 BA5A52

 000000

 D8746B

 F68E84

 FFA99E

 FFC5B9

 FFE2D5

 640A11

 640A11

■ 640008

■ 64141A

■ 641E23

■ 64282D

■ 643236

■ 643C3F

■ 644648

■ 645052

■ 645A5B

■ 646464

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



660031



640A11



552100

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



640A11



003C0D



003472

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



640A11



0A645D

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



003B69



640A11



003D30

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



640A11



1B3700



003D51



2B2769

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



640A11



452B00



003D51



003771

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



640A11



825F62



5C0A64



422D2F



C2C2C2



424242

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



640A11



82000A



64300A



332E2E



730009



F20013

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



640A11



82000A



0A3F64



332E2E



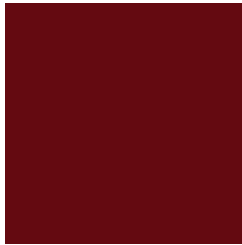
730009



F20013

Previews

White Background



This preview shows how the Hex color 640A11 looks on a white background.

Color Contrast Check

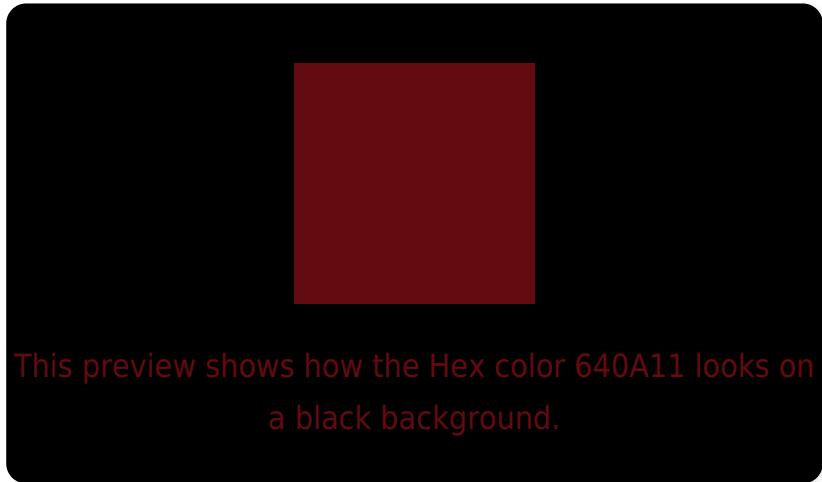
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 640A11 Background



This preview shows how black text looks on a background with the Hex color 640A11.



This preview shows how white text looks on a background with the Hex color 640A11.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
640A11

Protanopia
38331B

Deuteranopia
403007



Tritanopia
640C09

Trichromacy



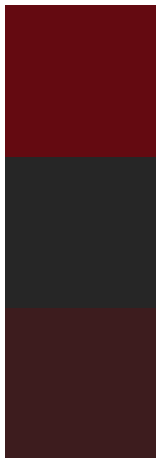
Original Color
640A11

Protanomaly
482417

Deuteranomaly
4D220B

Tritanomaly
640B0C

Monochromacy



Original Color
640A11

Achromatopsia
262626

Achromatomaly
3D1C1E

CSS Examples

Text

The CSS property to change the color of the text to Hex 640A11 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #640A11 looks like.

```
.text, #text, p{  
    color:#640A11  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #640A11 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #640A11
}
```

Border

The CSS property to change the border of an element to Hex 640A11 is called "border". The border property can be set on classes, ids or directly on the HTML element.

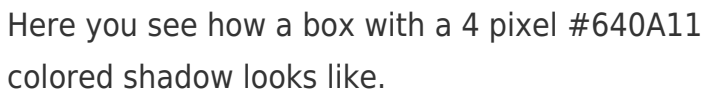
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#640A11 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#640A11 }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel #640A11 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #640A11; -webkit-box-shadow:4px 4px  
4px 4px #640A11; box-shadow:4px 4px 4px  
4px #640A11 }
```

Background

The CSS property to change the background color of an element to Hex 640A11 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#640A11 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#640A11 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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